	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
1	US 20030007699 A1	20030109	13	Fine moire correction in images	382/275	382/285
2	US 20030006994 A1	20030109	31	Display device	345/596	
3	US 20030006715 A1	20030109	34	Method of driving plasma display panel	315/169.3	
4	US 20030002747 A1	20030102	15	Moire correction in images	382/260	358/3.26; 358/533; 382/275
5	US 20020180754 A1	20021205	21	Display device and display panel driving method	345/598	
6	US 20020179580 A1	20021205	47	Laser method of scribing graphics	219/121.68	219/121.69
7	US 20020105679 A1	20020808	4	Halftone primitive watermarking and related applications	358/3.28	382/100
8	US 20020054002 A1	20020509	34	Method for driving a plasma display panel	345/60	
9	US 20020054000 A1	20020509	60	METHOD OF DRIVING PLASMA DISPLAY PANEL	345/60	
10	US 20020039200 A1	20020404	27	Image processing apparatus and method allowing control of edge enhancement effect	358/3.03	358/3.27; 382/252
11	US 20020018031 A1	20020214	46	Method for driving a plasma display panel	345/60	
12	US 20020018030 A1	20020214	22	Plasma display panel driving method	345/60	
13	US 20020005831 A1	20020117	20	FLAT-PANEL DISPLAY CONTROLLER WITH IMPROVED DITHERING AND FRAME RATE CONTROL	345/89	
14	US 20010055056 A1	20011227	11	Multi-gradation recording method and thermal transfer recording medium used in the method	347/183	

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15	US 20010050780 A1	20011213	55	Image processing apparatus and method allowing control of degree of edge enhancement	358/3.05	358/3.27; 382/252
16	US 6476824 B1	20021105	39	Luminance resolution enhancement circuit and display apparatus using same	345/690	345/694
17	US 6471347 B1	20021029	31	Ink printing method and ink printing apparatus	347/98	347/100
18	US 6417824 B1	20020709	40	Method of driving plasma display panel	345/60	345/93
19	US 6392616 B1	20020521	32	Method for driving a plasma display panel	345/60	345/208; 345/58; 348/537; 348/625
20	US 6362834 B1	20020326	20	Flat-panel display controller with improved dithering and frame rate control	345/690	345/596; 345/691
21	US 6252196 B1	20010626	46	Laser method of scribing graphics	219/121.69	219/121.61; 219/121.68
22	US 6250737 B1	20010626	124	Ink jet recording method and apparatus	347/40	347/14; 347/16
23	US 6193366 B1	20010227	10	Apparatus for recording a gradient image on transparent media	347/103	
24	US 6175194 B1	20010116	32	Method for driving a plasma display panel	315/169.4	315/169.1; 345/67; 345/68
25	US 6167167 A	20001226	45	Image extractions apparatus and method	382/283	358/538; 382/199
26	US 6134025 A	20001017	110	Dot image data output apparatus	358/1.2	358/3.09; 358/3.13; 358/3.27; 358/443; 358/448

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27	US 6130685 A	20001010	125	Method for recording an image with multiple scannings of a recording head having groups of nozzles	347/41	347/43
28	US 6108105 A	20000822	113	Dot image output apparatus	358/1.2	358/3.09; 358/3.13; 358/3.27; 358/443; 358/448
29	US 6091398 A	20000718	23	Drive apparatus for self light-emitting display	345/204	345/598; 345/690; 358/1.9
30	US 6079824 A	20000627	40	Ink-jet printing apparatus for printing with a plurality kinds of same color type inks having different density	347/100	347/14; 347/15
31	US 6069609 A	20000530	54	Image processor using both dither and error diffusion to produce halftone images with less flicker and patterns	345/596	345/616; 345/690; 358/3.03; 382/252
32	US 6059404 A	20000509	15	Method and apparatus for producing ink intensity modulated ink jet printing	347/88	347/15; 347/43; 347/85; 347/99
33	US 6043801 A	20000328	24	Display system with highly linear, flicker-free gray scales using high framecounts	345/89	345/589; 345/690
34	US 6028617 A	20000222	21	Method of recording an image	347/183	347/172
35	US 6008794 A	19991228	19	Flat-panel display controller with improved dithering and frame rate control	345/598	345/572; 345/694

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36	US 5990444 A	19991123	48	Laser method and system of scribing graphics	219/121.69	219/121.61
37	US 5870503 A	19990209	61	Image processing apparatus using error diffusion technique	382/252	358/465
38	US 5835096 A	19981110	44	Rendering system using 3D texture-processing hardware for accelerated 2D rendering	345/582	
39	US 5805126 A	19980908	22	Display system with highly linear, flicker-free gray scales using high framecounts	345/89	345/694
40	US 5778793 A	19980714	12	Shaded logos for golf balls	101/494	101/32; 101/35; 101/DIG.40; 40/327; 473/200; 473/353; D3/255
41	US 5754209 A	19980519	12	Printing method for producing gradient images	347/103	347/20; 347/88
42	US 5742410 A	19980421	34	Color image processing apparatus capable of correcting a color deviation by converting only chroma signals	358/518	358/448; 358/464; 358/532
43	US 5684932 A	19971104	38	Method and apparatus for dither array generation to reduce artifacts in halftoned image data utilizing ink reduction processing	358/1.9	358/3.09; 358/3.12
44	US 5644661 A	19970701	10	Image interpolator for an image display system	382/300	382/274
45	US 5633663 A	19970527	126	Ink jet recording method and apparatus	347/41	347/12; 347/9

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46	US 5625755 A	19970429	35	Method and apparatus for tonal correction in binary printing devices by predistortion of image data utilizing ink reduction processing	358/1.9	358/3.09; 358/3.12
47	US 5621546 A	19970415	10	Method and apparatus for vector error diffusion with output color control	358/536	358/518
48	US 5592592 A	19970107	35	Method and apparatus for minimizing artifacts in images produced by error diffusion halftoning utilizing ink reduction processing	358/1.9	358/3.03; 358/3.09; 382/252
49	US 5384647 A	19950124	87	Image processing apparatus comprising means for judging image area of pseudo half-tone image	358/2.1	
50	US 5374997 A	19941220	11	High addressability error diffusion with minimum mark size	358/466	358/3.03; 358/447; 358/448
51	US 5363210 A	19941108		Apparatus outputting quantized image data, selecting from filters with different error spreading effects	358/448	358/3.15; 358/443; 358/446; 358/462; 382/266
52	US 5353127 A	19941004		Method for quantization gray level pixel data with extended distribution set	382/252	358/465
53	US 5317653 A	19940531		Method for quantization gray level pixel data with application of under compensated error diffusion	382/252	358/3.05; 358/466; 382/270
54	US 5278670 A	19940111		Content-based resolution conversion of color documents	358/453	358/3.07; 358/448; 358/462

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55	US 5268774 A	19931207		Halftoning with enhanced dynamic range and edge enhanced error diffusion	358/466	358/445
56	US 5245678 A	19930914		Image conversion with lossy adaptive error diffusion	382/252	358/3.05; 358/466
57	US 5226096 A	19930706		Digital halftoning with selectively applied dot-to-dot error diffusion	382/237	358/3.03; 382/252
58	US 5157483 A	19921020	27	Multicolor image forming method and apparatus	358/515	358/518
59	US 5109436 A	19920428		Image data processing system with adaptive binary quantization	382/270	358/462; 358/466; 382/173
60	US 5014124 A	19910507		Digital image processing apparatus	358/530	358/3.14; 358/3.15; 358/462
61	US 4894727 A	19900116		Image processing system and method	382/264	358/443; 382/237
62	US 4814797 A	19890321		Apparatus and method for controlling color dot size in multicolor image	347/119	347/115; 347/131; 358/518; 430/43
63	US 4734782 A	19880329		Image processing apparatus or system with plural reading units, capable of differently processing various areas of an original	358/466	358/3.21
64	JP 09284553 A	19971031		MEDIUM TONE PROCESSING METHOD		
65	JP 57184369 A	19821113		PICTURE CONVERTING DEVICE		358/445

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8	US 5767913 A	19980616	84	Mapping system for producing event identifying codes	375/240.18	348/473; 348/484
9	US 5764964 A	19980609	14	Device for protecting selected information in multi-media workstations	345/546	345/501; 345/556; 348/739; 711/173
10	US 5585864 A	19961217	54	Apparatus for effecting high speed transfer of video data into a video memory using direct memory access	348/719	345/534; 345/536; 345/565; 348/561; 711/165
11	US 5546137 A	19960813	24	Apparatus and method of transferring video data of a moving picture	348/714	345/547; 345/555; 345/561; 345/565; 348/719; 711/165
12	US 5517612 A	19960514	20	Device for scaling real-time image frames in multi-media workstations	345/502	345/520; 345/540; 345/548; 345/558; 345/572; 345/670; 348/715; 348/718
13	US 5508733 A	19960416	82	Method and apparatus for selectively receiving and storing a plurality of video signals	725/93	348/385.1; 348/426.1; 725/100; 725/116; 725/131; 725/32
14	US 5455628 A	19951003	11	Converter to convert a computer graphics signal to an interlaced video signal	348/446	348/455

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15	US 5444497 A	19950822	24	Apparatus and method of transferring video data of a moving picture	348/719	345/536; 345/561; 345/565; 711/165
16	US 5442406 A	19950815	82	Wide screen television	348/588	348/445; 348/565; 348/913
17	US 5424780 A	19950613	16	Apparatus and method for spacial scan modulation of a video display	348/428.1	348/458
18	US 5374963 A	19941220	31	Picture resolution enhancement with dithering and dedithering	348/564	348/625
19	US 5347622 A	19940913	31	Digital image compositing system and method	345/629	348/586; 348/590
20	US 5272547 A	19931221	5	Video image reading apparatus	358/479	348/441
21	US 5225904 A	19930706	60	Adaptive digital video compression system	375/240.12	348/472
22	US 5043815 A	19910827	8	Video signal processing device	348/620	
23	US 4965668 A	19901023	7	Adaptive rounder for video signals	348/574	341/131; 348/14.14; 708/551
24	US 4827343 A	19890502	8	Method and apparatus for reducing analog/digital converter requirements in picture-in-picture television circuits	348/565	348/574
25	US 4707742 A	19871117	24	Video signal processing arrangement	348/580	348/581; 348/583; 348/704

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26	US 4707728 A	19871117	22	Compatible HDTV with increased vertical and horizontal resolution	348/435.1	
27	US 4668989 A	19870526	6	Fading circuit for video signals	348/597	348/595
28	US 4562456 A	19851231	12	Analog-to-digital conversion apparatus including a circuit to substitute calculated values when the dynamic range of the converter is exceeded	348/572	341/118; 341/141; 341/155
29	US 4500930 A	19850219	13	Television signal standards conversion using a helical scan VTR	386/131	348/443
30	US 4442461 A	19840410	12	Signal recording and/or reproducing technique	386/100	348/481

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1	US 20020085125 A1	20020704	18	Spatial scan replication circuit	348/616	
2	US 20020030762 A1	20020314	42	Video processing apparatus for processing pixel for generating high-picture-quality image, method thereof, and video printer to which they are applied	348/625	
3	US 6049694 A	20000411	56	Multi-point video conference system and method	725/144	348/14.08; 348/387.1; 370/260; 370/540
4	US 5986676 A	19991116	14	Device for protecting selected information in multi-media workstations	345/544	345/501; 345/531; 348/739; 711/173
5	US 5907370 A	19990525	34	Apparatus and method for reducing qauntization error in digital image signals	348/607	345/605; 382/261; 382/264
6	US 5847767 A	19981208	38	Compact image transmission system and image reproducing device capable of reproducing a DCT-based code at a high speed without deterioration of picture quality	348/423.1	375/240.28
7	US 5781184 A	19980714	28	Real time decompression and post-decompress manipulation of compressed full motion video	348/571	348/441

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2	US 20030006715 A1	20030109	34	Method of driving plasma display panel	315/169.3	
3	US 20020180754 A1	20021205	21	Display device and display panel driving method	345/598	
4	US 20020080377 A1	20020627	38	Image-processing device using quantization threshold values produced according to a dither threshold matrix and arranging dot-on pixels in a plural-pixel field according to the dither threshold matirx	358/1.9	
5	US 20020054002 A1	20020509	34	Method for driving a plasma display panel	345/60	
6	US 20020054000 A1	20020509	60	METHOD OF DRIVING PLASMA DISPLAY PANEL	345/60	
7	US 20020036603 A1	20020328	23	Display device	345/60	
8	US 20020018031 A1	20020214	46	Method for driving a plasma display panel	345/60	
9	US 20020018030 A1	20020214	22	Plasma display panel driving method	345/60	
10	US 20020015011 A1	20020207	25	Driving method of plasma display panel	345/60	
11	US 20020014848 A1	20020207	29	Method for driving plasma display panel	315/169.1	315/169.3
12	US 6495968 B2	20021217	27	Method for driving plasma display panel	315/169.4	345/60; 345/63
13	US 6483248 B2	20021119	22	Display device	315/169.3	345/60
14	US 6417824 B1	20020709	40	Method of driving plasma display panel	345/60	345/93
15	US 6414658 B1	20020702	41	Method for driving a plasma display panel	345/63	345/208

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16	US 6392616 B1	20020521	32	Method for driving a plasma display panel	345/60	345/208; 345/58; 348/537; 348/625
17	US 6297788 B1	20011002	70	Half tone display method of display panel	345/63	345/589; 345/67
18	US 6175194 B1	20010116	32	Method for driving a plasma display panel	315/169.4	315/169.1; 345/67; 345/68
19	US 6091398 A	20000718	23	Drive apparatus for self light-emitting display	345/204	345/598; 345/690; 358/1.9
20	US 6008793 A	19991228	12	Drive apparatus for self light emitting display unit	345/204	345/600; 348/793
21	US 5974792 A	19991102	66	Internal combustion engine control with fast exhaust catalyst warm-up	60/278	60/284; 60/285; 60/289
22	US 5845492 A	19981208	65	Internal combustion engine control with fast exhaust catalyst warm-up	60/284	60/285
23	US 5745743 A	19980428	18	Digital signal processor integrally incorporating a coefficient interpolator structured on a hardware basis	712/220	712/36; 84/605; 84/659; 84/662
24	US 5315823 A	19940531	44	Control apparatus for speedily warming up catalyst in internal combustion engine	60/286	60/285
25	US 5211011 A	19930518	21	Control apparatus for rapidly warming up catalyst in internal combustion engine	60/284	60/285
26	US 5004344 A	19910402	24	Apparatus and method for correcting ring laser gyroscope phase errors at turnaround	356/459	

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27	US 4981359 A	19910101	17	Ring laser gyroscope dither drive system and method	356/459	
28	US 4875774 A	19891024	22	Apparatus and method for determining ring laser gyroscope phase at turnaround	356/459	
29	US 4524388 A	19850618	22	Shading correction device	348/251	358/461; 358/471
30	JP 2000188702 A	20000704	10	VIDEO SIGNAL PROCESSING CIRCUIT FOR MATRIX TYPE DISPLAY DEVICE		
31	JP 2000165780 A	20000616	17	VIDEO SIGNAL PROCESSING CIRCUIT FOR MATRIX TYPE DISPLAY DEVICE AND ITS METHOD		
32	JP 2000148068 A	20000526	16	CIRCUIT AND METHOD FOR PROCESSING VIDEO SIGNAL OF MATRIX TYPE DISPLAY DEVICE		
33	JP 10098663 A	19980414	12	DRIVING DEVICE FOR SELF-LIGHT EMITTING DISPLAY UNIT		
34	JP 08149310 A	19960607	7	BINARY IMAGE PROCESSING UNIT		
35	JP 06105130 A	19940415	6	PICTURE QUALITY IMPROVING METHOD FOR HALF TONE DITHER PROCESSING		
36	JP 05171973 A	19930709	10	INTERNAL COMBUSTION ENGINE CONTROLLER		123/672
37	EP 994457 A2	20000419	41	Apparatus and method of gray scale video signal processing for matrix display apparatus		
38	EP 831450 A2	19980325	24	Drive apparatus for self light-emitting display		

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39	JP 2002311882 A	20021025	16	Video-signal process circuit for matrix type display device, has data continuous detector circuit which negates dither coefficient added to dot data within range continuing below zero neighboring value		
40	JP 2001154630 A	20010608	17	Dither process circuit for plasma display panel, has dither coefficient generator generating dither coefficient corresponding to pixel position of each pixel group on screen		
41	EP 994457 A	20000419	41	Gray scale video processing for matrix display		
42	EP 831450 A	19980325	23	Self light emitting display unit with analogue/digital converter for sampling video signal - makes pseudo intermediate tone display and outline compensation, executes data conversion on pixel data corresponding to individual pixels of display, adds dither coefficients to individual data		

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1	US 20030006994 A1	20030109	31	Display device	345/596
2	US 20030006715 A1	20030109	34	Method of driving plasma display panel	315/169.3
3	US 20020018030 A1	20020214	22	Plasma display panel driving method	345/60
4	JP 2000188702 A	20000704	10	VIDEO SIGNAL PROCESSING CIRCUIT FOR MATRIX TYPE DISPLAY DEVICE	
5	JP 2001154630 A	20010608	17	Dither process circuit for plasma display panel, has dither coefficient generator generating dither coefficient corresponding to pixel position of each pixel group on screen	
6	EP 994457 A	20000419	41	Gray scale video processing for matrix display	

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	11286	matrix near display	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2	BRS	L2	15533	video near processing	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
3	BRS	L3	11103	pattern near generator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
4	BRS	L4	1051	dither near pattern	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
5	BRS	L5	42	dither near coefficient	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
6	BRS	L6	2	2 and 5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7	BRS	L7	1197	coefficient near generator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
8	BRS	L8	6	5 and 7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

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1	US 20030011546 A1	20030116	9	Display device	345/82
2	US 20030006994 A1	20030109	31	Display device	345/596
3	US 20020190931 A1	20021219	17	Method and apparatus for processing video picture data for display on a display device	345/63
4	US 20020186215 A1	20021212	7	Rendering a three-dimensional model using a dither pattern	345/419
5	US 20020180754 A1	20021205	21	Display device and display panel driving method	345/598
6	US 20020154137 A1	20021024	23	Transmission of digital data from a screen	345/596
7	US 20020135595 A1	20020926	60	Display device, and display method	345/589
8	US 20020075215 A1	20020620	10	Reduction of contouring in liquid crystal on silicon displays by dithering	345/89
9	US 20020054002 A1	20020509	34	Method for driving a plasma display panel	345/60
10	US 20020054000 A1	20020509	60	METHOD OF DRIVING PLASMA DISPLAY PANEL	345/60
11	US 20020036643 A1	20020328	24	Image-processing apparatus, image-processing method and recording medium	345/555
12	US 20020018031 A1	20020214	46	Method for driving a plasma display panel	345/60
13	US 20020018030 A1	20020214	22	Plasma display panel driving method	345/60
14	US 20020015010 A1	20020207	7	Display device	345/60
15	US 20020005831 A1	20020117	20	FLAT-PANEL DISPLAY CONTROLLER WITH IMPROVED DITHERING AND FRAME RATE CONTROL	345/89

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16	US 6476824 B1	20021105	39	Luminance resolution enhancement circuit and display apparatus using same	345/690
17	US 6473525 B1	20021029	16	Method for detecting an image edge within a dithered image	382/199
18	US 6417824 B1	20020709	40	Method of driving plasma display panel	345/60
19	US 6392616 B1	20020521	32	Method for driving a plasma display panel	345/60
20	US 6362834 B1	20020326	20	Flat-panel display controller with improved dithering and frame rate control	345/690
21	US 6348917 B1	20020219	19	Dynamic switching of texture mip-maps based on depth	345/418
22	US 6288698 B1	20010911	13	Apparatus and method for gray-scale and brightness display control	345/87
23	US 6191793 B1	20010220	15	Method and apparatus for texture level of detail dithering	345/582

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24	US 6175194 B1	20010116	32	Method for driving a plasma display panel	315/169.4
25	US 6147671 A	20001114	9	Temporally dissolved dithering	345/691
26	US 6118457 A	20000912	35	Resolution conversion with preservation of fine lines and of hue	345/620
27	US 6115047 A	20000905	25	Method and apparatus for implementing efficient floating point Z-buffering	345/422
28	US 6104377 A	20000815	22	Method and system for displaying an image at a desired level of opacity	345/596
29	US 6091398 A	20000718	23	Drive apparatus for self light-emitting display	345/204
30	US 6069636 A	20000530	27	Embedding information into images by varying pixel parameters	345/619
31	US 6069609 A	20000530	54	Image processor using both dither and error diffusion to produce halftone images with less flicker and patterns	345/596
32	US 6054991 A	20000425	28	Method of modeling player position and movement in a virtual reality system	345/420
33	US 6043801 A	20000328	24	Display system with highly linear, flicker-free gray scales using high framecounts	345/89

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34	US 6028588 A	20000222	14	Multicolor display control method for liquid crystal display	345/589
35	US 6008794 A	19991228	19	Flat-panel display controller with improved dithering and frame rate control	345/598
36	US 5999196 A	19991207	24	System and method for data multiplexing within geometry processing units of a three-dimensional graphics accelerator	345/506
37	US 5973701 A	19991026	16	Dynamic switching of texture mip-maps based on pixel depth value	345/587
38	US 5920305 A	19990706	15	Multicolor display control circuit and method for liquid crystal display	345/600
39	US 5874969 A	19990223	24	Three-dimensional graphics accelerator which implements multiple logical buses using common data lines for improved bus communication	345/505
40	US 5856832 A	19990105	12	System and method for parsing multiple sets of data	345/540
41	US 5854633 A	19981229	9	Method of and system for dynamically adjusting color rendering	345/603
42	US 5835096 A	19981110	44	Rendering system using 3D texture-processing hardware for accelerated 2D rendering	345/582

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43	US 5821949 A	19981013	24	Three-dimensional graphics accelerator with direct data channels for improved performance	345/505
44	US 5805126 A	19980908	22	Display system with highly linear, flicker-free gray scales using high framecounts	345/89
45	US 5771033 A	19980623	23	Method and system for dissolving an image displayed on a computer screen	345/698
46	US 5745125 A	19980428	28	Floating point processor for a three-dimensional graphics accelerator which includes floating point, lighting and set-up cores for improved performance	345/503
47	US 5740409 A	19980414	24	Command processor for a three-dimensional graphics accelerator which includes geometry decompression capabilities	345/503
48	US 5712651 A	19980127	17	Apparatus for performing a full-color emulation on the TFT display device	345/88
49	US 5699079 A	19971216	8	Restoration filter for truncated pixels	345/605
50	US 5699076 A	19971216	26	Display control method and apparatus for performing high-quality display free from noise lines	345/103
51	US 5619230 A	19970408	19	System and method for real-time image display palette mapping	345/597

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52	US 5618179 A	19970408	34	Driver training system and method with performance data feedback	434/69
53	US 5598186 A	19970128	12	System and method for image mapping in linear space	345/603
54	US 5581674 A	19961203		Image displaying system for efficiently storing images having different luminance levels for use in a graphic display system	345/606
55	US 5573402 A	19961112		System and method for coloring polygon using dithering	434/69
56	US 5515483 A	19960507		Rendering system	345/419
57	US 5504846 A	19960402		Method and apparatus for improved area demarcation in bit mapped image derived from multi-color bit mapped image	345/597
58	US 5485558 A	19960116		Method and system for displaying color on a computer output device using dithering techniques	345/597
59	US 5404427 A	19950404		Video signal processing with added probabilistic dither	345/597
60	US 5396607 A	19950307		Matrix address generator and multivalue gradation processor having the same	711/219
61	US 5381522 A	19950110		Image processing apparatus and method	345/443

	Document ID	Issue Date	Pages	Title	Current OR
62	US 5333243 A	19940726		Method for forming color images, using a hue-plus-gray color model and error diffusion	358/1.9
63	US 5271095 A	19931214		Image processing apparatus for estimating halftone images from bilevel and pseudo halftone images	345/428
64	US 5220314 A	19930615		Liquid crystal display apparatus and method of performing liquid crystal display	345/88
65	US 5216417 A	19930601		Multi-tone level displaying method by bi-level display devices and multi-tone level displaying unit	345/89
66	US 5214753 A	19930525		Video system with parallel attribute interpolations	345/610
67	US 5175807 A	19921229		Video signal processing with added probabilistic dither	345/428
68	US 4992955 A	19910212		Apparatus for representing continuous tone and high contrast images on a bilevel display	345/428
69	US 4956638 A	19900911		Display using ordered dither	345/597
70	US 4918622 A	19900417		Electronic graphic arts screener	345/597
71	US 4910670 A	19900320		Sound generation and disk speed control apparatus for use with computer systems	345/567
72	US 4730185 A	19880308		Graphics display method and apparatus for color dithering	345/536

	Document ID	Issue Date	Pages	Title	Current OR
73	US 4725831 A	19880216		High-speed video graphics system and method for generating solid polygons on a raster display	345/441
74	US 4706077 A	19871110		Halftoning implementation for interactive image editing	345/599
75	US 4354102 A	19821012		Cursor apparatus for interactive graphic display system	250/203.1
76	JP 05224623 A	19930903		PSEUDO MULTIVALUED PICTURE DISPLAY DEVICE	

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	11286	matrix near display	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2	BRS	L2	15533	video near processing	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
3	BRS	L3	11103	pattern near generator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
4	BRS	L4	1051	dither near pattern	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
5	BRS	L5	42	dither near coefficient	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
6	BRS	L6	2	2 and 5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7	BRS	L7	1197	coefficient near generator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
8	BRS	L8	6	5 and 7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
9	BRS	L9	50063	345/$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
10	BRS	L10	76	4 and 9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
1	US 20020190931 A1	20021219	17	Method and apparatus for processing video picture data for display on a display device	345/63	
2	US 20020135595 A1	20020926	60	Display device, and display method	345/589	
3	US 6147671 A	20001114	9	Temporally dissolved dithering	345/691	345/694; 348/574; 358/3.2; 358/3.26
4	US 6028588 A	20000222	14	Multicolor display control method for liquid crystal display	345/589	345/593; 345/596; 345/600; 345/605; 345/89
5	US 5940138 A	19990817	18	Analog signal process with dither pattern	348/574	341/131
6	US 5923814 A	19990713	34	Methods and apparatus for performing video data reduction operations and for concealing the visual effects of data reduction operations	386/109	386/112
7	US 5920305 A	19990706	15	Multicolor display control circuit and method for liquid crystal display	345/600	
8	US 5887115 A	19990323	37	Method and apparatus for implementing a video tape recorder for recording digital video signals having either a fixed or variable data transmission rate	386/129	386/109
9	US 5852679 A	19981222	30	Image processing apparatus and method	382/180	
10	US 5835158 A	19981110	10	Analog signal process with dither pattern	348/574	341/131

	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
11	US 5673358 A	19970930	35	Method for generating a reduced rate digital bitstream by selecting data as a function of the position within an image to which the data corresponds	386/112	386/68
12	US 5598186 A	19970128	12	System and method for image mapping in linear space	345/603	345/593
13	US 5514865 A	19960507	15	Dither image scanner with compensation for individual detector response and gain correction	250/208.1	250/214AG; 358/474
14	US 5504846 A	19960402	9	Method and apparatus for improved area demarcation in bit mapped image derived from multi-color bit mapped image	345/597	
15	US 5478156 A	19951226	35	Printer having print data arithmetic logic	400/120.01	
16	US 5404427 A	19950404	15	Video signal processing with added probabilistic dither	345/597	345/428; 345/593; 345/605
17	US 5245341 A	19930914	13	Video analog-to-digital converter	341/131	341/155
18	US 5175807 A	19921229	15	Video signal processing with added probabilistic dither	345/428	345/600; 348/655
19	US 4517606 A	19850514	18	Apparatus for processing video signals	358/3.13	382/270
20	US 4268861 A	19810519	11	Image coding	375/240.1	375/144; 375/245
21	DE 3129026 A	19820318	18	Video signal processing system - has video analogue signals converted into digital form using either process		

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	11286	matrix near display	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2	BRS	L2	15533	video near processing	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
3	BRS	L3	11103	pattern near generator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
4	BRS	L4	1051	dither near pattern	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
5	BRS	L5	42	dither near coefficient	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
6	BRS	L6	2	2 and 5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7	BRS	L7	1197	coefficient near generator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
8	BRS	L8	6	5 and 7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
9	BRS	L9	50063	345/$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
10	BRS	L10	76	4 and 9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
11	BRS	L11	21	2 and 4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Issue Date	Pages	Title	Document ID	Current OR	Current XRef
1	20031007	71	Image processor including processing for image data between edge or boundary portions of image data	US 6631207 B2	382/167	358/2.99; 358/518
2	20030923	49	Image forming apparatus	US 6625331 B1	382/294	358/1.1; 382/167
3	20030812	20	Display device for creating intermediate gradation levels in pseudo manner and image signal processing method	US 6606099 B2	345/690	345/611; 345/691; 345/694; 382/267
4	20030325	20	Image processor	US 6538771 B1	358/2.1	358/3.06; 358/3.08; 358/3.13; 382/235; 382/237
5	20020702	47	Detector for detecting pseudo-contour noise and display apparatus using the detector	US 6414657 B1	345/63	345/60; 345/690
6	20020205	32	Image processing apparatus	US 6345116 B1	382/167	358/518; 358/523; 382/162
7	20010306	60	Color image processor	US 6198841 B1	382/164	358/521; 358/522; 358/534; 382/167
8	20010206	42	Image forming apparatus	US 6185007 B1	358/1.9	358/521
9	20001212	28	Digital printer and image data conversion method	US 6160634 A	358/1.9	358/520
10	20000704	13	Image displaying method and apparatus	US 6084567 A	345/690	345/11; 345/75.2
11	20000627	24	Digital printer and image data conversion method therefor	US 6081343 A	358/1.9	358/521; 358/523

	Issue Date	Pages	Title	Document ID	Current OR	Current XRef
12	20000222	23	Display device for controlling display gradation in display dots by writing image data in image memory	US 6028587 A	345/597	345/89
13	19991228	42	Printing grade control	US 6009241 A	358/1.9	358/1.13; 358/1.16; 358/447
14	19980707	20	Data outputting with control of number of gradations expressed	US 5778159 A	358/1.9	358/1.13; 358/1.17; 358/3.21; 358/444; 358/462
15	19940111	15	Multiple valve image input device	US 5278667 A	358/445	358/3.01

	Type	L #	Hits	Search Text	DBs
1	BRS	L4	494	(dither near matrices) or (dither near matrixes)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2	BRS	L5	160466	video adj signal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
3	BRS	L6	15552	dither$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
4	BRS	L7	65068	greyscale or grayscale or gradation or halftone	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
5	BRS	L8	1942634	weight$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
6	BRS	L9	60	dither adj coefficient$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7	BRS	L10	424	dither near patterns	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
8	BRS	L11	40	4 and 5 and 6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
9	BRS	L12	37	4 and 5 and 6	USPAT; EPO; JPO; DERWENT; IBM_TDB
10	BRS	L14	3	6 and 13 and 7	USPAT; EPO; JPO; DERWENT; IBM_TDB
11	BRS	L15	0	10 and 13	USPAT; EPO; JPO; DERWENT; IBM_TDB
12	BRS	L16	3	6 and 13	USPAT; EPO; JPO; DERWENT; IBM_TDB
13	BRS	L17	32	8 and 9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
14	BRS	L18	16	8 and 9	USPAT; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
15	BRS	L19	874	6 and 7 and 8	USPAT; EPO; JPO; DERWENT; IBM_TDB
16	BRS	L20	15	19 and 9	USPAT; EPO; JPO; DERWENT; IBM_TDB
17	BRS	L21	408	detect$3 near 7	USPAT; EPO; JPO; DERWENT; IBM_TDB
18	BRS	L22	40	6 and 21	USPAT; EPO; JPO; DERWENT; IBM_TDB
19	BRS	L23	7	greyscale near detect$4	USPAT; EPO; JPO; DERWENT; IBM_TDB
20	BRS	L24	570	(345/690-693).ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB
21	BRS	L25	179	(345/596-599).ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB
22	BRS	L26	565	(382/167).ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB
23	BRS	L27	1914	(358/1.9).ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB
24	BRS	L28	91	(358/3.01).ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB
25	BRS	L29	297	(358/3.13-3.19).ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB
26	BRS	L30	822	(345/60).ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB
27	BRS	L31	368	(345/63).ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB
28	BRS	L32	732	(345/89).ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB
29	BRS	L33	5024	24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32	USPAT; EPO; JPO; DERWENT; IBM_TDB
30	BRS	L34	267	gradation near detect$4	USPAT; EPO; JPO; DERWENT; IBM_TDB
31	BRS	L35	15	33 and 34	USPAT; EPO; JPO; DERWENT; IBM_TDB
32	BRS	L40	16	grayscale near detect$4	USPAT; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
33	BRS	L41	3376	brightness near detect$4	USPAT; EPO; JPO; DERWENT; IBM_TDB
34	BRS	L42	425	5 and 41	USPAT; EPO; JPO; DERWENT; IBM_TDB
35	BRS	L43	5	6 and 42	USPAT; EPO; JPO; DERWENT; IBM_TDB
36	BRS	L44	1227	gradation adj levels	USPAT; EPO; JPO; DERWENT; IBM_TDB
37	BRS	L46	0	6 and 8 and 45	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
38	BRS	L45	32	(gradation adj intervals) or (gradation adj ranges)	USPAT; EPO; JPO; DERWENT; IBM_TDB
39	BRS	L47	3	(greyscale adj intervals) or (greyscale adj ranges)	USPAT; EPO; JPO; DERWENT; IBM_TDB
40	BRS	L48	401726	optimal or optimiz$4	USPAT; EPO; JPO; DERWENT; IBM_TDB
41	BRS	L49	2532	dither$4 and 48	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
42	BRS	L50	641	7 and 49	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
43	BRS	L51	149	33 and 50	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
44	BRS	L52	372	dither near generator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
45	BRS	L53	44	48 and 52	USPAT; EPO; JPO; DERWENT; IBM_TDB
46	BRS	L54	484	predetermined near 7	USPAT; EPO; JPO; DERWENT; IBM_TDB
47	BRS	L55	0	52 and 54	USPAT; EPO; JPO; DERWENT; IBM_TDB
48	BRS	L56	9	predetermined near 44	USPAT; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
49	BRS	L57	0	4 and 5 and 13	USPAT; EPO; JPO; DERWENT; IBM_TDB
50	BRS	L58	151	adder and 44	USPAT; EPO; JPO; DERWENT; IBM_TDB
51	BRS	L59	28	33 and 58	USPAT; EPO; JPO; DERWENT; IBM_TDB
52	BRS	L60	22	6 and 24 and detect$4	USPAT; EPO; JPO; DERWENT; IBM_TDB
53	BRS	L61	0	23 and 31	USPAT; EPO; JPO; DERWENT; IBM_TDB
54	BRS	L62	0	23 and 30	USPAT; EPO; JPO; DERWENT; IBM_TDB
55	BRS	L63	163	44 and 48	USPAT; EPO; JPO; DERWENT; IBM_TDB
56	BRS	L64	34	33 and 63	USPAT; EPO; JPO; DERWENT; IBM_TDB
57	BRS	L65	129	adder and 6 and 5 and 7	USPAT; EPO; JPO; DERWENT; IBM_TDB
58	BRS	L66	2	44 and 52	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
59	BRS	L67	1	6 and 8 and 13	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
60	BRS	L68	1994	brightness adj data	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
61	BRS	L69	7	5 and 6 and 68	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
62	BRS	L70	4	52 and 68	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
63	BRS	L71	3362	6 and 8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
64	BRS	L72	262	33 and 71	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
65	BRS	L73	90	48 and 72	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
66	BRS	L75	18	adder and 73	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
67	BRS	L13	140	reverse adj gamma	USPAT; EPO; JPO; DERWENT; IBM_TDB
68	BRS	L76	8	13 and 31	USPAT; EPO; JPO; DERWENT; IBM_TDB
69	BRS	L77	83	adjust$3 near 6	USPAT; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
1	BRS	L4	494	(dither near matrices) or (dither near matrixes)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2	BRS	L5	160466	video adj signal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
3	BRS	L6	15552	dither$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
4	BRS	L7	65068	greyscale or grayscale or gradation or halftone	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
5	BRS	L8	1942634	weight$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
6	BRS	L9	60	dither adj coefficient$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7	BRS	L10	424	dither near patterns	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
8	BRS	L11	40	4 and 5 and 6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
9	BRS	L12	37	4 and 5 and 6	USPAT; EPO; JPO; DERWENT; IBM_TDB
10	BRS	L14	3	6 and 13 and 7	USPAT; EPO; JPO; DERWENT; IBM_TDB
11	BRS	L15	0	10 and 13	USPAT; EPO; JPO; DERWENT; IBM_TDB
12	BRS	L16	3	6 and 13	USPAT; EPO; JPO; DERWENT; IBM_TDB
13	BRS	L17	32	8 and 9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
14	BRS	L18	16	8 and 9	USPAT; EPO; JPO; DERWENT; IBM_TDB

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15	BRS	L19	874	6 and 7 and 8	USPAT; EPO; JPO; DERWENT; IBM_TDB
16	BRS	L20	15	19 and 9	USPAT; EPO; JPO; DERWENT; IBM_TDB
17	BRS	L21	408	detect$3 near 7	USPAT; EPO; JPO; DERWENT; IBM_TDB
18	BRS	L22	40	6 and 21	USPAT; EPO; JPO; DERWENT; IBM_TDB
19	BRS	L23	7	greyscale near detect$4	USPAT; EPO; JPO; DERWENT; IBM_TDB
20	BRS	L24	570	(345/690-693).ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB
21	BRS	L25	179	(345/596-599).ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB
22	BRS	L26	565	(382/167).ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB
23	BRS	L27	1914	(358/1.9).ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB
24	BRS	L28	91	(358/3.01).ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB
25	BRS	L29	297	(358/3.13-3.19).ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB
26	BRS	L30	822	(345/60).ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB
27	BRS	L31	368	(345/63).ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB
28	BRS	L32	732	(345/89).ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB
29	BRS	L33	5024	24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32	USPAT; EPO; JPO; DERWENT; IBM_TDB
30	BRS	L34	267	gradation near detect$4	USPAT; EPO; JPO; DERWENT; IBM_TDB
31	BRS	L35	15	33 and 34	USPAT; EPO; JPO; DERWENT; IBM_TDB
32	BRS	L40	16	grayscale near detect$4	USPAT; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
33	BRS	L41	3376	brightness near detect$4	USPAT; EPO; JPO; DERWENT; IBM_TDB
34	BRS	L42	425	5 and 41	USPAT; EPO; JPO; DERWENT; IBM_TDB
35	BRS	L43	5	6 and 42	USPAT; EPO; JPO; DERWENT; IBM_TDB
36	BRS	L44	1227	gradation adj levels	USPAT; EPO; JPO; DERWENT; IBM_TDB
37	BRS	L46	0	6 and 8 and 45	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
38	BRS	L45	32	(gradation adj intervals) or (gradation adj ranges)	USPAT; EPO; JPO; DERWENT; IBM_TDB
39	BRS	L47	3	(greyscale adj intervals) or (greyscale adj ranges)	USPAT; EPO; JPO; DERWENT; IBM_TDB
40	BRS	L48	401726	optimal or optimiz$4	USPAT; EPO; JPO; DERWENT; IBM_TDB
41	BRS	L49	2532	dither$4 and 48	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
42	BRS	L50	641	7 and 49	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
43	BRS	L51	149	33 and 50	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
44	BRS	L52	372	dither near generator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
45	BRS	L53	44	48 and 52	USPAT; EPO; JPO; DERWENT; IBM_TDB
46	BRS	L54	484	predetermined near 7	USPAT; EPO; JPO; DERWENT; IBM_TDB
47	BRS	L55	0	52 and 54	USPAT; EPO; JPO; DERWENT; IBM_TDB
48	BRS	L56	9	predetermined near 44	USPAT; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
49	BRS	L57	0	4 and 5 and 13	USPAT; EPO; JPO; DERWENT; IBM_TDB
50	BRS	L58	151	adder and 44	USPAT; EPO; JPO; DERWENT; IBM_TDB
51	BRS	L59	28	33 and 58	USPAT; EPO; JPO; DERWENT; IBM_TDB
52	BRS	L60	22	6 and 24 and detect$4	USPAT; EPO; JPO; DERWENT; IBM_TDB
53	BRS	L61	0	23 and 31	USPAT; EPO; JPO; DERWENT; IBM_TDB
54	BRS	L62	0	23 and 30	USPAT; EPO; JPO; DERWENT; IBM_TDB
55	BRS	L63	163	44 and 48	USPAT; EPO; JPO; DERWENT; IBM_TDB
56	BRS	L64	34	33 and 63	USPAT; EPO; JPO; DERWENT; IBM_TDB
57	BRS	L65	129	adder and 6 and 5 and 7	USPAT; EPO; JPO; DERWENT; IBM_TDB
58	BRS	L66	2	44 and 52	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
59	BRS	L67	1	6 and 8 and 13	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
60	BRS	L68	1994	brightness adj data	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
61	BRS	L69	7	5 and 6 and 68	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
62	BRS	L70	4	52 and 68	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
63	BRS	L71	3362	6 and 8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
64	BRS	L72	262	33 and 71	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
65	BRS	L73	90	48 and 72	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
66	BRS	L75	18	adder and 73	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
67	BRS	L13	140	reverse adj gamma	USPAT; EPO; JPO; DERWENT; IBM_TDB
68	BRS	L76	8	13 and 31	USPAT; EPO; JPO; DERWENT; IBM_TDB
69	BRS	L77	83	adjust$3 near 6	USPAT; EPO; JPO; DERWENT; IBM_TDB
70	BRS	L78	18	4 and (24 or 25)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	160286	video adj signal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2	BRS	L2	64954	grayscale or greyscale or halftone or gradation	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
3	BRS	L3	102	reverse adj gamma adj correction	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
4	BRS	L4	68	dither near coefficient$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
5	BRS	L5	2211	dither near matri$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
6	BRS	L6	135419	adder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7	BRS	L7	21	(sum or total) and 4 and zero	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
8	BRS	L8	10	dither adj coefficient adj generator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
9	BRS	L9	3	dither adj coefficient adj pattern	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
10	BRS	L10	181	dither adj signal adj generator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
11	BRS	L11	0	2 and 3 and 10	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
12	BRS	L12	526	345/690.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
13	BRS	L13	201	(345/596-599).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
14	BRS	L14	1420	(345/204).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
15	BRS	L15	857	(345/89).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
16	BRS	L16	422	(345/63).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
17	BRS	L17	112	(358/3.01).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
18	BRS	L18	179	(358/3.03).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
19	BRS	L19	86	(358/3.13).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
20	BRS	L20	75	(358/3.19).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
21	BRS	L21	3597	12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
22	BRS	L22	3	2 and 10 and 21	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
23	BRS	L23	7	1 and 2 and 3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
24	BRS	L24	6333	low adj (luminance or brightness)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
25	BRS	L25	25355	high adj (luminance or brightness)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
26	BRS	L26	1294	dither near pattern$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
27	BRS	L27	30	(24 or 25) and 26	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
28	BRS	L28	44	2 and 4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
29	BRS	L29	107	1 and 2 and 5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
30	BRS	L30	39	26 and 29	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
31	BRS	L31	2577	(358/1.9).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
32	BRS	L32	693	(345/690-693).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
33	BRS	L33	700	(382/167).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
34	BRS	L35	111186	image adj processing	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
35	BRS	L36	1940619	weight$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
36	BRS	L37	1	dither adj coefficient adj signal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
37	BRS	L38	1	2 and 3 and 5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
38	BRS	L39	14671	processing near 1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
39	BRS	L40	6780	31 or 32 or 33 or 21	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
40	BRS	L41	11	2 and 5 and (24 and 25)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
41	BRS	L42	1202	dither$4 and luminance	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
42	BRS	L43	110	1 and 35 and 42	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
43	BRS	L44	7	40 and 43	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
44	BRS	L45	1401	dither$4 and brightness	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
45	BRS	L46	29	1 and 5 and 45	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
46	BRS	L47	524	36 and 42	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
47	BRS	L48	196	1 and 47	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
48	BRS	L49	34	26 and 48	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
49	BRS	L50	4032	luminance adj level	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
50	BRS	L51	42	low adj gradation adj level	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
51	BRS	L52	49	dither adj coefficient	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
52	BRS	L53	0	51 and 52	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
53	BRS	L54	4	42 and 51	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
54	BRS	L55	0	5 and 51	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
55	BRS	L56	626	2 and 45	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
56	BRS	L57	133	1 and 56	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
57	BRS	L58	100	36 and 57	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
58	BRS	L59	68	36 and 57	USPAT; EPO; JPO; DERWENT; IBM_TDB
59	BRS	L60	88	1 and 35 and 42	USPAT; EPO; JPO; DERWENT; IBM_TDB
60	BRS	L61	266	(dither adj pattern) and generator	USPAT; EPO; JPO; DERWENT; IBM_TDB
61	BRS	L62	19204	2 and level	USPAT; EPO; JPO; DERWENT; IBM_TDB
62	BRS	L63	105	61 and 62	USPAT; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
63	BRS	L64	32	1 and 63	USPAT; EPO; JPO; DERWENT; IBM_TDB
64	BRS	L65	33	40 and 61	USPAT; EPO; JPO; DERWENT; IBM_TDB
65	BRS	L66	3199	error adj diffusion	USPAT; EPO; JPO; DERWENT; IBM_TDB
66	BRS	L67	38	61 and 66	USPAT; EPO; JPO; DERWENT; IBM_TDB
67	BRS	L68	7	32 and 61	USPAT; EPO; JPO; DERWENT; IBM_TDB
68	BRS	L69	1828	(greyscale adj level) or (grayscale adj level) or (gradation adj level) or (halftone adj level)	USPAT; EPO; JPO; DERWENT; IBM_TDB
69	BRS	L70	14	1 and 42 and 69	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
70	BRS	L71	19	61 and 69	USPAT; EPO; JPO; DERWENT; IBM_TDB
71	BRS	L72	9	49 and 69	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
72	BRS	L73	77	dither$4 and 36 and 69	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
73	BRS	L74	3362	dither$4 and 36	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
74	BRS	L75	445	1 and 74	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
75	BRS	L76	16	69 and 75	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
76	BRS	L77	431	5 and 36	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
77	BRS	L78	15	69 and 77	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
78	BRS	L79	17	adder and 5 and 69	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
79	BRS	L81	1671	vary and 36 and dither$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
80	BRS	L82	0	80 and 81	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
81	BRS	L83	1803	(gradation adj levels) or (grayscale adj levels) or (greyscale adj levels)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
82	BRS	L84	64	26 and 83	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
83	BRS	L85	53	26 and 83	USPAT; EPO; JPO; DERWENT; IBM_TDB
84	BRS	L86	1230	luminance adj levels	USPAT; EPO; JPO; DERWENT; IBM_TDB
85	BRS	L87	0	80 and 86 and 1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
86	BRS	L88	2992	83 or 86	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
87	BRS	L80	25	pseudo adj edges	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
88	BRS	L89	66	dither$4 and 88 and 1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
89	BRS	L90	25	(dither near patterns) and 83	USPAT; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
90	BRS	L91	171	5 and 6 and 2	USPAT; EPO; JPO; DERWENT; IBM_TDB
91	BRS	L92	12	83 and 91	USPAT; EPO; JPO; DERWENT; IBM_TDB
92	BRS	L93	6	(gradation adj range) and 5	USPAT; EPO; JPO; DERWENT; IBM_TDB
93	BRS	L94	311	5 and 6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
94	BRS	L95	7	86 and 94	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
95	BRS	L96	1504	(brightness adj range) or (luminance adj range)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
96	BRS	L97	51	dither$4 and 96	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
97	BRS	L98	10	12 and 26	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
98	BRS	L99	4784	variable and dither$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
99	BRS	L100	7	(dither adj values) and gradation	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
100	BRS	L101	16	1 and 88 and 5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
101	BRS	L102	731	detect$4 and (color near gradation)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
102	BRS	L103	289	gradation near detect$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
103	BRS	L104	0	86 and 103	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
104	BRS	L105	12	345/$.ccls. and 103	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
105	BRS	L106	17244	2 and detect$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
106	BRS	L107	943	88 and 106	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
107	BRS	L108	487	gradation adj3 detect$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
108	BRS	L109	23	345/$.ccls. and 108	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
109	BRS	L110	77	1 and 108	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
110	BRS	L111	469	2 near detect$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
111	BRS	L112	17	345/$.ccls. and 111	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
112	BRS	L113	1	color adj gradation adj detect$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
113	BRS	L114	1	greyscale adj detect$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
114	BRS	L115	7	grayscale adj detect$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
115	BRS	L116	60	detect$3 and 2 and 16	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
116	BRS	L117	48	detect$3 and 2 and 16	USPAT; EPO; JPO; DERWENT; IBM_TDB
117	BRS	L118	118	detect$3 near (gray adj level)	USPAT; EPO; JPO; DERWENT; IBM_TDB
118	BRS	L120	19	gradation near detector	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	160286	video adj signal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2	BRS	L2	64954	grayscale or greyscale or halftone or gradation	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
3	BRS	L3	102	reverse adj gamma adj correction	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
4	BRS	L4	68	dither near coefficient$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
5	BRS	L5	2211	dither near matri$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
6	BRS	L6	135419	adder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7	BRS	L7	21	(sum or total) and 4 and zero	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
8	BRS	L8	10	dither adj coefficient adj generator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
9	BRS	L9	3	dither adj coefficient adj pattern	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
10	BRS	L10	181	dither adj signal adj generator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
11	BRS	L11	0	2 and 3 and 10	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
12	BRS	L12	526	345/690.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
13	BRS	L13	201	(345/596-599).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
14	BRS	L14	1420	(345/204).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
15	BRS	L15	857	(345/89).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
16	BRS	L16	422	(345/63).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
17	BRS	L17	112	(358/3.01).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
18	BRS	L18	179	(358/3.03).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
19	BRS	L19	86	(358/3.13).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
20	BRS	L20	75	(358/3.19).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
21	BRS	L21	3597	12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
22	BRS	L22	3	2 and 10 and 21	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
23	BRS	L23	7	1 and 2 and 3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
24	BRS	L24	6333	low adj (luminance or brightness)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
25	BRS	L25	25355	high adj (luminance or brightness)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
26	BRS	L26	1294	dither near pattern$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
27	BRS	L27	30	(24 or 25) and 26	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
28	BRS	L28	44	2 and 4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
29	BRS	L29	107	1 and 2 and 5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
30	BRS	L30	39	26 and 29	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
31	BRS	L31	2577	(358/1.9).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
32	BRS	L32	693	(345/690-693).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
33	BRS	L33	700	(382/167).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
34	BRS	L35	111186	image adj processing	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
35	BRS	L36	1940619	weight$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
36	BRS	L37	1	dither adj coefficient adj signal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
37	BRS	L38	1	2 and 3 and 5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
38	BRS	L39	14671	processing near 1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
39	BRS	L40	6780	31 or 32 or 33 or 21	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
40	BRS	L41	11	2 and 5 and (24 and 25)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
41	BRS	L42	1202	dither$4 and luminance	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
42	BRS	L43	110	1 and 35 and 42	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
43	BRS	L44	7	40 and 43	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
44	BRS	L45	1401	dither$4 and brightness	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
45	BRS	L46	29	1 and 5 and 45	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
46	BRS	L47	524	36 and 42	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
47	BRS	L48	196	1 and 47	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
48	BRS	L49	34	26 and 48	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
49	BRS	L50	4032	luminance adj level	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
50	BRS	L51	42	low adj gradation adj level	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
51	BRS	L52	49	dither adj coefficient	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
52	BRS	L53	0	51 and 52	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
53	BRS	L54	4	42 and 51	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
54	BRS	L55	0	5 and 51	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
55	BRS	L56	626	2 and 45	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
56	BRS	L57	133	1 and 56	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
57	BRS	L58	100	36 and 57	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
58	BRS	L59	68	36 and 57	USPAT; EPO; JPO; DERWENT; IBM_TDB
59	BRS	L60	88	1 and 35 and 42	USPAT; EPO; JPO; DERWENT; IBM_TDB
60	BRS	L61	266	(dither adj pattern) and generator	USPAT; EPO; JPO; DERWENT; IBM_TDB
61	BRS	L62	19204	2 and level	USPAT; EPO; JPO; DERWENT; IBM_TDB
62	BRS	L63	105	61 and 62	USPAT; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
63	BRS	L64	32	1 and 63	USPAT; EPO; JPO; DERWENT; IBM_TDB
64	BRS	L65	33	40 and 61	USPAT; EPO; JPO; DERWENT; IBM_TDB
65	BRS	L66	3199	error adj diffusion	USPAT; EPO; JPO; DERWENT; IBM_TDB
66	BRS	L67	38	61 and 66	USPAT; EPO; JPO; DERWENT; IBM_TDB
67	BRS	L68	7	32 and 61	USPAT; EPO; JPO; DERWENT; IBM_TDB
68	BRS	L69	1828	(greyscale adj level) or (grayscale adj level) or (gradation adj level) or (halftone adj level)	USPAT; EPO; JPO; DERWENT; IBM_TDB
69	BRS	L70	14	1 and 42 and 69	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
70	BRS	L71	19	61 and 69	USPAT; EPO; JPO; DERWENT; IBM_TDB
71	BRS	L72	9	49 and 69	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
72	BRS	L73	77	dither$4 and 36 and 69	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
73	BRS	L74	3362	dither$4 and 36	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
74	BRS	L75	445	1 and 74	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
75	BRS	L76	16	69 and 75	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
76	BRS	L77	431	5 and 36	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
77	BRS	L78	15	69 and 77	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
78	BRS	L79	17	adder and 5 and 69	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
79	BRS	L81	1671	vary and 36 and dither$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
80	BRS	L82	0	80 and 81	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
81	BRS	L83	1803	(gradation adj levels) or (grayscale adj levels) or (greyscale adj levels)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
82	BRS	L84	64	26 and 83	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
83	BRS	L85	53	26 and 83	USPAT; EPO; JPO; DERWENT; IBM_TDB
84	BRS	L86	1230	luminance adj levels	USPAT; EPO; JPO; DERWENT; IBM_TDB
85	BRS	L87	0	80 and 86 and 1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
86	BRS	L88	2992	83 or 86	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
87	BRS	L80	25	pseudo adj edges	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
88	BRS	L89	66	dither$4 and 88 and 1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
89	BRS	L90	25	(dither near patterns) and 83	USPAT; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
90	BRS	L91	171	5 and 6 and 2	USPAT; EPO; JPO; DERWENT; IBM_TDB
91	BRS	L92	12	83 and 91	USPAT; EPO; JPO; DERWENT; IBM_TDB
92	BRS	L93	6	(gradation adj range) and 5	USPAT; EPO; JPO; DERWENT; IBM_TDB
93	BRS	L94	311	5 and 6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
94	BRS	L95	7	86 and 94	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
95	BRS	L96	1504	(brightness adj range) or (luminance adj range)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
96	BRS	L97	51	dither$4 and 96	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
97	BRS	L98	10	12 and 26	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
98	BRS	L99	4784	variable and dither$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
99	BRS	L100	7	(dither adj values) and gradation	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
100	BRS	L101	16	1 and 88 and 5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
101	BRS	L102	731	detect$4 and (color near gradation)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
102	BRS	L103	289	gradation near detect$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
103	BRS	L104	0	86 and 103	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
104	BRS	L105	12	345/$.ccls. and 103	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
105	BRS	L106	17244	2 and detect$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
106	BRS	L107	943	88 and 106	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
107	BRS	L108	487	gradation adj3 detect$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
108	BRS	L109	23	345/$.ccls. and 108	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
109	BRS	L110	77	1 and 108	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	160286	video adj signal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2	BRS	L2	64954	grayscale or greyscale or halftone or gradation	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
3	BRS	L3	102	reverse adj gamma adj correction	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
4	BRS	L4	68	dither near coefficient$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
5	BRS	L5	2211	dither near matri$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
6	BRS	L6	135419	adder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7	BRS	L7	21	(sum or total) and 4 and zero	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
8	BRS	L8	10	dither adj coefficient adj generator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
9	BRS	L9	3	dither adj coefficient adj pattern	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
10	BRS	L10	181	dither adj signal adj generator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
11	BRS	L11	0	2 and 3 and 10	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
12	BRS	L12	526	345/690.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
13	BRS	L13	201	(345/596-599).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
14	BRS	L14	1420	(345/204).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
15	BRS	L15	857	(345/89).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
16	BRS	L16	422	(345/63).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
17	BRS	L17	112	(358/3.01).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
18	BRS	L18	179	(358/3.03).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
19	BRS	L19	86	(358/3.13).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
20	BRS	L20	75	(358/3.19).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
21	BRS	L21	3597	12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
22	BRS	L22	3	2 and 10 and 21	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
23	BRS	L23	7	1 and 2 and 3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
24	BRS	L24	6333	low adj (luminance or brightness)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
25	BRS	L25	25355	high adj (luminance or brightness)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
26	BRS	L26	1294	dither near pattern$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
27	BRS	L27	30	(24 or 25) and 26	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
28	BRS	L28	44	2 and 4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
29	BRS	L29	107	1 and 2 and 5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
30	BRS	L30	39	26 and 29	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
31	BRS	L31	2577	(358/1.9).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
32	BRS	L32	693	(345/690-693).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
33	BRS	L33	700	(382/167).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
34	BRS	L35	111186	image adj processing	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
35	BRS	L36	1940619	weight$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
36	BRS	L37	1	dither adj coefficient adj signal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
37	BRS	L38	1	2 and 3 and 5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
38	BRS	L39	14671	processing near 1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
39	BRS	L40	6780	31 or 32 or 33 or 21	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
40	BRS	L41	11	2 and 5 and (24 and 25)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
41	BRS	L42	1202	dither$4 and luminance	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
42	BRS	L43	110	1 and 35 and 42	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
43	BRS	L44	7	40 and 43	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
44	BRS	L45	1401	dither$4 and brightness	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
45	BRS	L46	29	1 and 5 and 45	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
46	BRS	L47	524	36 and 42	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
47	BRS	L48	196	1 and 47	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
48	BRS	L49	34	26 and 48	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
49	BRS	L50	4032	luminance adj level	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
50	BRS	L51	42	low adj gradation adj level	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
51	BRS	L52	49	dither adj coefficient	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
52	BRS	L53	0	51 and 52	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
53	BRS	L54	4	42 and 51	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
54	BRS	L55	0	5 and 51	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
55	BRS	L56	626	2 and 45	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
56	BRS	L57	133	1 and 56	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
57	BRS	L58	100	36 and 57	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
58	BRS	L59	68	36 and 57	USPAT; EPO; JPO; DERWENT; IBM_TDB
59	BRS	L60	88	1 and 35 and 42	USPAT; EPO; JPO; DERWENT; IBM_TDB
60	BRS	L61	266	(dither adj pattern) and generator	USPAT; EPO; JPO; DERWENT; IBM_TDB
61	BRS	L62	19204	2 and level	USPAT; EPO; JPO; DERWENT; IBM_TDB
62	BRS	L63	105	61 and 62	USPAT; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
63	BRS	L64	32	1 and 63	USPAT; EPO; JPO; DERWENT; IBM_TDB
64	BRS	L65	33	40 and 61	USPAT; EPO; JPO; DERWENT; IBM_TDB
65	BRS	L66	3199	error adj diffusion	USPAT; EPO; JPO; DERWENT; IBM_TDB
66	BRS	L67	38	61 and 66	USPAT; EPO; JPO; DERWENT; IBM_TDB
67	BRS	L68	7	32 and 61	USPAT; EPO; JPO; DERWENT; IBM_TDB
68	BRS	L69	1828	(greyscale adj level) or (grayscale adj level) or (gradation adj level) or (halftone adj level)	USPAT; EPO; JPO; DERWENT; IBM_TDB
69	BRS	L70	14	1 and 42 and 69	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
70	BRS	L71	19	61 and 69	USPAT; EPO; JPO; DERWENT; IBM_TDB
71	BRS	L72	9	49 and 69	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
72	BRS	L73	77	dither$4 and 36 and 69	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
73	BRS	L74	3362	dither$4 and 36	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
74	BRS	L75	445	1 and 74	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
75	BRS	L76	16	69 and 75	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
76	BRS	L77	431	5 and 36	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
77	BRS	L78	15	69 and 77	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
78	BRS	L79	17	adder and 5 and 69	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Issue Date	Pages	Title	Document ID	Current OR	Current XRef
1	20030506	22	Color image processor	US 6559976 B1	358/3.03	358/2.1; 358/3.23; 358/3.27; 358/534
2	20020702	34	Image processing apparatus and method therefor	US 6415065 B1	382/300	358/518; 358/520; 358/525; 382/167; 382/251; 382/274
3	20020326	20	Flat-panel display controller with improved dithering and frame rate control	US 6362834 B1	345/690	345/596; 345/691
4	20001017	110	Dot image data output apparatus	US 6134025 A	358/1.2	358/3.09; 358/3.13; 358/3.27; 358/443; 358/448
5	20000822	127	Dot image output apparatus	US 6108105 A	358/1.2	358/3.09; 358/3.13; 358/3.27; 358/443; 358/448
6	19991228	19	Flat-panel display controller with improved dithering and frame rate control	US 6008794 A	345/598	345/572; 345/694
7	19990406	35	Image processing apparatus	US 5892852 A	382/254	358/3.14; 358/447; 358/453; 358/462; 382/205; 382/260; 382/266
8	19990209	61	Image processing apparatus using error diffusion technique	US 5870503 A	382/252	358/465

	Issue Date	Pages	Title	Document ID	Current OR	Current XRef
9	19970617	23	Image processing apparatus using derived ordered dither matrix	US 5640249 A	358/3.1	358/536
10	19960507	23	Color image processing apparatus with processing means for selectively adjusting color image data to increase black color density and reduce the density of other colors	US 5515096 A	347/232	347/251; 358/462
11	19921229	23	Picture printing apparatus using multivalued patterns, binary patterns and dither patterns selectively	US 5175635 A	358/2.1	358/462
12	19921027	36	Image processing method and apparatus with reduction of granular noise, etc.	US 5159470 A	358/3.03	358/443; 382/270; 382/275
13	19920331	121	Halftone image generating apparatus	US 5101283 A	358/3.13	358/3.03
14	19901106	44	Image processing method and apparatus	US 4969052 A	358/3.03	358/296; 382/252
15	19900220	45	Apparatus for processing halftone image	US 4903142 A	358/3.08	
16	19880105	34	Image processing apparatus	US 4717964 A	358/3.21	358/466
17	19841002	13	System for transmitting a video signal with short runs avoided in a signal encoded from the video signal	US 4475127 A	358/3.01	358/3.13; 358/465

	Issue Date	Pages	Title	Document ID	Current OR	Current XRef
1	20031111	76	Method for driving a plasma display panel	US 6646625 B1	345/63	315/169.4; 345/60; 345/67
2	20030923	33	Method of driving plasma display panel	US 6624588 B2	315/169.1	315/169.4; 345/63; 345/67
3	20030902	57	Method of driving plasma display panel	US 6614413 B2	345/63	345/68; 345/690
4	20021015	22	Plasma display panel driving method	US 6465970 B2	315/169.4	345/76
5	20020521	32	Method for driving a plasma display panel	US 6392616 B1	345/60	345/208; 345/58; 348/537; 348/625
6	20011002	70	Half tone display method of display panel	US 6297788 B1	345/63	345/589; 345/67
7	20010731	30	Method and apparatus for color correction and apparatus for applying color correction	US 6268867 B1	345/589	
8	20010116	32	Method for driving a plasma display panel	US 6175194 B1	315/169.4	315/169.1; 345/67; 345/68
9	20000718	23	Drive apparatus for self light-emitting display	US 6091398 A	345/204	345/598; 345/690; 358/1.9
10	20000523	90	Voltage output circuit and image display device	US 6067066 A	345/98	345/100
11	20000418	21	Gradation display system	US 6052112 A	345/596	345/89
12	19991228	12	Drive apparatus for self light emitting display unit	US 6008793 A	345/204	345/600; 348/793
13	19900116	14	Picture element data generating method	US 4894729 A	358/447	358/448; 358/452
14	19790410	21	Variable angle electronic halftone screening	US 4149194 A	358/3.23	358/3.16; 358/3.2

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	160286	video adj signal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2	BRS	L2	64954	grayscale or greyscale or halftone or gradation	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
3	BRS	L3	102	reverse adj gamma adj correction	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
4	BRS	L4	68	dither near coefficient$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
5	BRS	L5	2211	dither near matri$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
6	BRS	L6	135419	adder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7	BRS	L7	21	(sum or total) and 4 and zero	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
8	BRS	L8	10	dither adj coefficient adj generator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
9	BRS	L9	3	dither adj coefficient adj pattern	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
10	BRS	L10	181	dither adj signal adj generator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
11	BRS	L11	0	2 and 3 and 10	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
12	BRS	L12	526	345/690.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
13	BRS	L13	201	(345/596-599).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
14	BRS	L14	1420	(345/204).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
15	BRS	L15	857	(345/89).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
16	BRS	L16	422	(345/63).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
17	BRS	L17	112	(358/3.01).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
18	BRS	L18	179	(358/3.03).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
19	BRS	L19	86	(358/3.13).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
20	BRS	L20	75	(358/3.19).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
21	BRS	L21	3597	12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
22	BRS	L22	3	2 and 10 and 21	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
23	BRS	L23	7	1 and 2 and 3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
24	BRS	L24	6333	low adj (luminance or brightness)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
25	BRS	L25	25355	high adj (luminance or brightness)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
26	BRS	L26	1294	dither near pattern$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
27	BRS	L27	30	(24 or 25) and 26	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
28	BRS	L28	44	2 and 4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
29	BRS	L29	107	1 and 2 and 5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
30	BRS	L30	39	26 and 29	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
31	BRS	L31	2577	(358/1.9).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
32	BRS	L32	693	(345/690-693).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
33	BRS	L33	700	(382/167).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
34	BRS	L35	111186	image adj processing	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
35	BRS	L36	1940619	weight$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
36	BRS	L37	1	dither adj coefficient adj signal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
37	BRS	L38	1	2 and 3 and 5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
38	BRS	L39	14671	processing near 1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
39	BRS	L40	6780	31 or 32 or 33 or 21	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
40	BRS	L41	11	2 and 5 and (24 and 25)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
41	BRS	L42	1202	dither$4 and luminance	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
42	BRS	L43	110	1 and 35 and 42	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
43	BRS	L44	7	40 and 43	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
44	BRS	L45	1401	dither$4 and brightness	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
45	BRS	L46	29	1 and 5 and 45	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
46	BRS	L47	524	36 and 42	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
47	BRS	L48	196	1 and 47	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
48	BRS	L49	34	26 and 48	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
49	BRS	L50	4032	luminance adj level	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
50	BRS	L51	42	low adj gradation adj level	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
51	BRS	L52	49	dither adj coefficient	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
52	BRS	L53	0	51 and 52	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
53	BRS	L54	4	42 and 51	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
54	BRS	L55	0	5 and 51	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
55	BRS	L56	626	2 and 45	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
56	BRS	L57	133	1 and 56	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
57	BRS	L58	100	36 and 57	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
58	BRS	L59	68	36 and 57	USPAT; EPO; JPO; DERWENT; IBM_TDB
59	BRS	L60	88	1 and 35 and 42	USPAT; EPO; JPO; DERWENT; IBM_TDB
60	BRS	L61	266	(dither adj pattern) and generator	USPAT; EPO; JPO; DERWENT; IBM_TDB
61	BRS	L62	19204	2 and level	USPAT; EPO; JPO; DERWENT; IBM_TDB
62	BRS	L63	105	61 and 62	USPAT; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
63	BRS	L64	32	1 and 63	USPAT; EPO; JPO; DERWENT; IBM_TDB
64	BRS	L65	33	40 and 61	USPAT; EPO; JPO; DERWENT; IBM_TDB
65	BRS	L66	3199	error adj diffusion	USPAT; EPO; JPO; DERWENT; IBM_TDB
66	BRS	L67	38	61 and 66	USPAT; EPO; JPO; DERWENT; IBM_TDB
67	BRS	L68	7	32 and 61	USPAT; EPO; JPO; DERWENT; IBM_TDB
68	BRS	L69	1828	(greyscale adj level) or (grayscale adj level) or (gradation adj level) or (halftone adj level)	USPAT; EPO; JPO; DERWENT; IBM_TDB
69	BRS	L70	14	1 and 42 and 69	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	160286	video adj signal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2	BRS	L2	64954	grayscale or greyscale or halftone or gradation	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
3	BRS	L3	102	reverse adj gamma adj correction	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
4	BRS	L4	68	dither near coefficient$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
5	BRS	L5	2211	dither near matri$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
6	BRS	L6	135419	adder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7	BRS	L7	21	(sum or total) and 4 and zero	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
8	BRS	L8	10	dither adj coefficient adj generator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
9	BRS	L9	3	dither adj coefficient adj pattern	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
10	BRS	L10	181	dither adj signal adj generator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
11	BRS	L11	0	2 and 3 and 10	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
12	BRS	L12	526	345/690.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
13	BRS	L13	201	(345/596-599).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
14	BRS	L14	1420	(345/204).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
15	BRS	L15	857	(345/89).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
16	BRS	L16	422	(345/63).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
17	BRS	L17	112	(358/3.01).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
18	BRS	L18	179	(358/3.03).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
19	BRS	L19	86	(358/3.13).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
20	BRS	L20	75	(358/3.19).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
21	BRS	L21	3597	12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
22	BRS	L22	3	2 and 10 and 21	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
23	BRS	L23	7	1 and 2 and 3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
24	BRS	L24	6333	low adj (luminance or brightness)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
25	BRS	L25	25355	high adj (luminance or brightness)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
26	BRS	L26	1294	dither near pattern$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
27	BRS	L27	30	(24 or 25) and 26	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
28	BRS	L28	44	2 and 4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
29	BRS	L29	107	1 and 2 and 5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
30	BRS	L30	39	26 and 29	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
31	BRS	L31	2577	(358/1.9).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
32	BRS	L32	693	(345/690-693).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
33	BRS	L33	700	(382/167).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
34	BRS	L35	111186	image adj processing	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
35	BRS	L36	1940619	weight$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
36	BRS	L37	1	dither adj coefficient adj signal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
37	BRS	L38	1	2 and 3 and 5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
38	BRS	L39	14671	processing near 1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
39	BRS	L40	6780	31 or 32 or 33 or 21	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
40	BRS	L41	11	2 and 5 and (24 and 25)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
41	BRS	L42	1202	dither$4 and luminance	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
42	BRS	L43	110	1 and 35 and 42	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
43	BRS	L44	7	40 and 43	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
44	BRS	L45	1401	dither$4 and brightness	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
45	BRS	L46	29	1 and 5 and 45	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Issue Date	Pages	Title	Document ID	Current OR	Current XRef
1	20030320	21	PRINTING APPARATUS AND PRINTING METHOD	US 20030052942 A1	347/43	
2	20030109	13	Fine moire correction in images	US 20030007699 A1	382/275	382/285
3	20030109	31	Display device	US 20030006994 A1	345/596	
4	20030102	15	Moire correction in images	US 20030002747 A1	382/260	358/3.26; 358/533; 382/275
5	20021205	21	Display device and display panel driving method	US 20020180754 A1	345/598	
6	20011227	43	Image processing apparatus, image processing method, and storage medium	US 20010055129 A1	358/520	
7	20030401	20	Printing apparatus and printing method	US 6540328 B1	347/43	347/14; 347/15
8	20010911	10	Multifunction apparatus and picture signal processing method by the same	US 6288791 B1	358/1.15	358/1.1; 358/1.13; 358/1.16; 358/1.17; 358/1.18; 358/1.9
9	20010130	158	Image processing apparatus including means for judging a chromatic portion of an image	US 6181819 B1	382/181	358/462
10	20001114	9	Temporally dissolved dithering	US 6147671 A	345/691	345/694; 348/574; 358/3.2; 358/3.26
11	20000704	19	Image display for dither halftoning	US 6084560 A	345/89	345/596; 345/599
12	19981013	35	Method and device for adaptive screening of continuous tone originals	US 5822086 A	358/3.15	382/106; 382/199

	Issue Date	Pages	Title	Document ID	Current OR	Current XRef
13	19971223	41	Image data parallel processing apparatus	US 5701505 A	712/11	358/514; 382/304; 709/400; 713/401
14	19960611	17	Dithering optimization techniques	US 5526021 A	345/804	358/3.14
15	19950613	13	Digital signal video color compression method and apparatus	US 5424755 A	345/605	348/61; 358/518
16	19931005	158	Image processing method including means for judging a chromatic portion of an image	US 5251023 A	358/529	358/527
17	19930914	34	Color image forming apparatus and method and apparatus for processing color image	US 5245419 A	358/521	358/448
18	19920331	121	Halftone image generating apparatus	US 5101283 A	358/3.13	358/3.03
19	19911210	26	Picture producing apparatus using picture information values correlated to light intensities in tonal conversion formula	US 5072305 A	358/3.01	358/521; 358/523
20	19890314	26	Image reproducing equipment	US 4812910 A	358/464	358/494; 382/270
21	19880329	26	Image processing apparatus or system with plural reading units, capable of differently processing various areas of an original	US 4734782 A	358/466	358/3.21
22	19860617	18	Multicolor ink jet recording apparatus having means for preventing blurring of ink	US 4595948 A	358/500	347/43; 358/502; 358/535
23	19851224	28	Method and apparatus for forming a pattern	US 4560997 A	347/15	250/236; 347/68; 358/534

	Issue Date	Pages	Title	Document ID	Current OR	Current XRef
24	19830322	9	Arrangement for providing a flickerless ordered dither image for a video display	US 4377821 A	348/472	348/384.1; 348/574
25	19770322	13	Method and arrangement for reducing the bandwidth and/or time required to transmit a dithered image	US 4013828 A	375/240.22	
26	19760629	11	Image transmission method and apparatus	US 3967052 A	348/798	358/1.9
27	19760427	15	Method and arrangement for eliminating flicker in interlaced ordered dither images	US 3953668 A	348/798	348/447; 348/806; 348/910; 375/240.1
28	19730612	11	ORDERED DITHER SYSTEM	US 3739082 A	348/574	375/240.21
29	20030117	31	Display device e.g. plasma display device alters dither coefficients, when brightness of image to be displayed is low and when it lies within intermediated range	US 20030006994 A		

	Issue Date	Pages	Title	Document ID
1	20020521	48	Methods apparatus and data structures for enhancing the resolution of images to be rendered on patterned display devices	US 6393145 B2
2	20000620	12	Display device, and display control method and apparatus therefor	US 6078317 A
3	20000613	25	High definition color modification	US 6075887 A
4	20000516	18	Spatial light modulators	US 6064366 A
5	19991228	12	Drive apparatus for self light emitting display unit	US 6008793 A
6	19940607	23	Image transmitting apparatus having improved coding of multi-valued image data	US 5319471 A
7	19880517	7	Hybrid image compression system	US 4745473 A

	Current OR	Current XRef
1	382/162	382/167
2	345/204	345/699
3	382/167	348/96; 386/37
4	345/691	345/690; 345/84
5	345/204	345/600; 348/793
6	358/451	358/1.9; 358/408
7	348/396.1	358/1.9

	Issue Date	Pages	Title	Document ID	Current OR	Current XRef
1	20031204	31	Image processing device and image processing method	US 20030223636 A1	382/167	
2	20031120	26	Image processing device	US 20030215132 A1	382/162	
3	20030109	31	Display device	US 20030006994 A1	345/596	
4	20030109	34	Method of driving plasma display panel	US 20030006715 A1	315/169.3	
5	20020214	22	Plasma display panel driving method	US 20020018030 A1	345/60	
6	20031104	22	Plasma display panel driving method	US 6642911 B2	345/60	345/41; 345/690
7	20030923	33	Method of driving plasma display panel	US 6624588 B2	315/169.1	315/169.4; 345/63; 345/67
8	20030117	31	Display device e.g. plasma display device alters dither coefficients, when brightness of image to be displayed is low and when it lies within intermediated range	US 20030006994 A		
9	20010608	17	Dither process circuit for plasma display panel, has dither coefficient generator generating dither coefficient corresponding to pixel position of each pixel group on screen	JP 2001154630 A		
10	20031027	41	Gray scale video processing for matrix display	EP 994457 A		

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	160286	video adj signal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2	BRS	L2	64954	grayscale or greyscale or halftone or gradation	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
3	BRS	L3	102	reverse adj gamma adj correction	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
4	BRS	L4	68	dither near coefficient$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
5	BRS	L5	2211	dither near matri$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
6	BRS	L6	135419	adder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7	BRS	L7	21	(sum or total) and 4 and zero	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
8	BRS	L8	10	dither adj coefficient adj generator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB